

What is claimed is:

1. A loom restarting method comprising the steps of:
 - providing a loom stopping command upon the occurrence of a loom stopping cause entailing faulty picking in a loom;
 - withholding the loom from a picking operation during a braking period to stop the loom in a weaving cycle subsequent to a weaving cycle in which faulty picking occurred;
 - reversing the loom to the weaving cycle in which faulty picking occurred;
 - removing a weft yarn picked by faulty picking; and
 - restarting the loom for a normal weaving operation;
- wherein a main shaft included in the loom is positioned, after removing the weft yarn picked by faulty picking, at an angular position at which a picking operation is possible in the weaving cycle in which the weft yarn picked by faulty picking was removed and a reed included in the loom is not in contact with a weft yarn inserted in the cloth fell of a fabric on the loom, and then the loom is restarted.

2. A loom restarting method comprising the steps of:
 - providing a loom stopping command upon the occurrence of a loom stopping cause other than faulty picking in a loom;

withholding the loom from a picking operation during a braking period to stop the loom for an initial stop in a weaving cycle subsequent to a weaving cycle in which the loom stopping cause occurred;

removing the loom stopping cause; and

restarting the loom for a normal weaving operation;

wherein the main shaft of the loom is positioned at an angular position at which a picking operation is possible in the weaving cycle in which the loom was stopped for the initial stop and a reed included in the

loom is not in contact with a weft yarn inserted in the cloth fell of a fabric on the loom, and then the loom is restarted.

3. A loom restarting method comprising the steps of:

providing a loom stopping command upon the occurrence of a loom stopping cause in a loom;

withholding the loom from a picking operation during a braking period to stop the loom for an initial stop in a weaving cycle subsequent to a weaving cycle in which the loom stopping cause occurred;

removing the loom stopping cause; and

restarting the loom for a normal weaving operation;

wherein a decision is made as to whether or not the loom stopping cause entailed faulty picking before the loom is stopped for the initial stop;

the loom is reversed to a weaving cycle in which faulty picking occurred, a weft yarn picked by faulty picking is removed, and a main shaft included in the loom is positioned at an angular position at which a picking operation is possible in the weaving cycle in which faulty picking occurred and a reed included in the loom is not in contact with a weft yarn inserted in the cloth fell of a fabric on the loom, and then the loom is restarted if the loom stopping cause entails faulty picking; or

the loom stopping cause is removed, the main shaft of the loom is positioned at an angular position at which a picking operation is possible in the weaving cycle in which the loom is stopped for the initial stop and the reed of the loom is not in contact with a weft yarn inserted in the cloth fell of the fabric on the loom, and then the loom is restarted if the loom stopping cause does not entail faulty picking.

4. A loom restarting method comprising the steps of:

providing a loom stopping command upon the occurrence of a loom stopping cause in a loom;

withholding the loom from a picking operation during a braking period to stop the loom for an initial stop in a weaving cycle subsequent to a weaving cycle in which the loom stopping cause occurred;

removing the loom stopping cause; and

restarting the loom for a normal weaving operation;

wherein a decision is made as to whether or not the loom stopping cause entails faulty picking before the loom is stopped for the initial stop; and

the loom is restarted either after reversing the loom to a weaving cycle in which faulty picking occurred, removing a weft yarn picked by faulty picking, and carrying out a one-shot picking operation, or after removing the weft yarn picked by faulty picking, and positioning a main shaft included in the loom at an angular position at which a picking operation is possible in the weaving cycle in which faulty picking occurred and the reed of the loom is not in contact with a weft yarn inserted in the cloth fell of a fabric on the loom, depending on weaving conditions if the loom stopping cause entails faulty picking; or the loom is restarted after removing the loom stopping cause, and positioning the main shaft of the loom at an angular position at which a picking operation is possible in the weaving cycle in which the loom was stopped for the initial stop and the reed of the loom is not in contact with a weft yarn inserted in the cloth fell of the fabric on the loom if the loom stopping cause does not entail faulty picking.